

## Selective Termination of Wireless Connections to Refresh Signal Information in Wireless Node Location Infrastructure

### Abstract of the Disclosure

[0058] Methods, apparatuses and systems directed to refreshing signal information in an infrastructure wireless node location mechanism. The wireless node location mechanism selectively terminates connections with wireless clients to refresh signal strength information used to compute an estimated location for the wireless clients. The wireless node location mechanism terminates the connection between a WLAN and a given wireless node, causing in typical WLAN protocol implementations, the mobile station to transmit frames or packets on all available operating channels in a given band. This allows access points and other WLAN elements, operating on different frequency channels, to detect frames transmitted by the mobile station and provide refreshed signal strength information to a wireless node location mechanism.